**Rough business idea**:

* Day by day monitoring service of household-consumption for clients of a utilities distribution company.
* The service is provided by the distribution company to enhance their current offering.
* the clients of the distribution company require to add the service to their current offering.
* Based on a massive use of sensors for gathering data from the source. Data is collected by the company and made available to users through intuitive and user-friendly dashboards.

**Main business actors / stakeholders**:

* Clients of the company
* Utilities distribution company
* Sensor manufacturers

**Initial & informal requirements to boot the discussion**

* To use the service, users must first register to the service.
* Users create an account the first time, which they will access the following times.
* Once registered, they can monitor their consumption.
* Sensors are installed on gas counters to measure the actual consumption.
* Sensors will be used also to evaluate water and electricity consumption.

**Initial idea about stakeholder services, facilities, responsibilities**

User facilities

* Checking their consumptions 24/7.
* Evaluating expenses in real time.
* Setting thresholds and be alerted if these are overcome.
* Comparing their consumptions with the ones of the other clients of the company.
* Monitoring summary dashboards.
* Attributing consumption to the household appliances that generated it.
* Pay for the service directly in the app.

Utility Distribution company responsibilities

* Management and availability of the service.
* Set up of the entire monitoring infrastructure.
* Infrastructure Maintenance & Upgrade.
* Tracking/collecting data about the consumption.

Sensor manufacturers responsibilities

* Providing sensors.

Initial idea about the (front-end) software to deliver to stakeholders

* (Mobile) user app (web-based)

- To register & manage account

- To use the monitoring service

* Company Dashboard

- To track and manage general consumption state

- To get aggregate consumption data and trends